THAT'S THATE

Applicant(s): Kenichi Nakanishi et al.

Title: Recording System, Data Recording

Device, Memory Device, And Data

Recording Method

Fig. 1

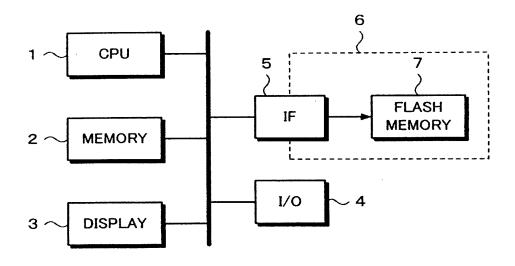
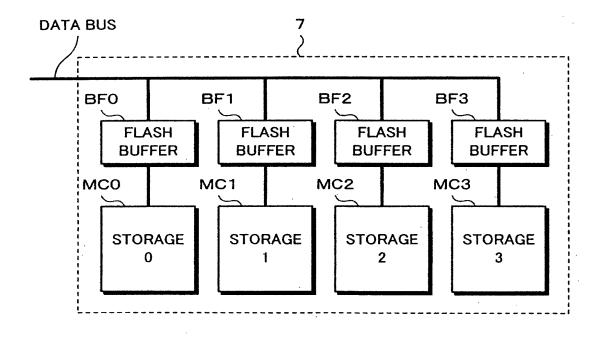
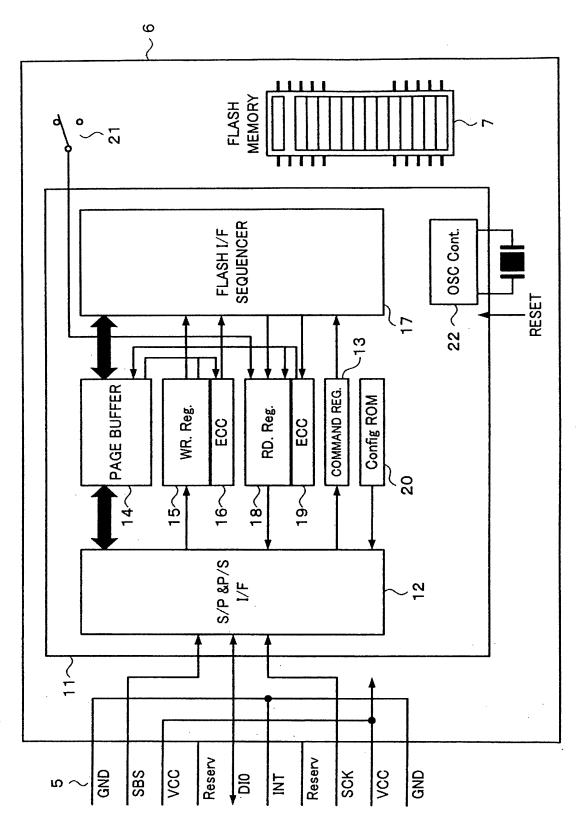


Fig. 2





Recording System, Data Recording Device, Memory Device, And Data Applicant(s): Kenichi Nakanishi et al. Title: Recording System, Data Recording Method





Title:

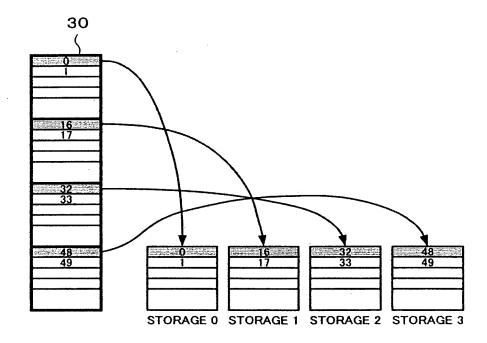
Recording System, Data Recording Device, Memory Device, And Data

Recording Method

Fig. 4

A10 • • • • •	A2	A1 A0
SEGMENT	SECTOR	STORAGE

Fig. 5



APR 2 5 2005 E

Applicant(s): Kenichi Nakanishi et al.

Title:

Recording System, Data Recording Device, Memory Device, And Data

Recording Method

Fig. 6

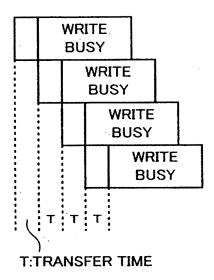
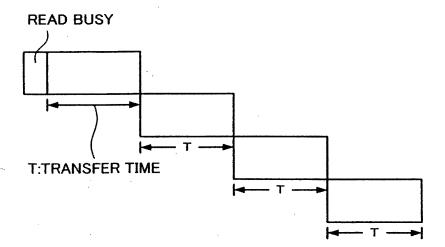


Fig. 7



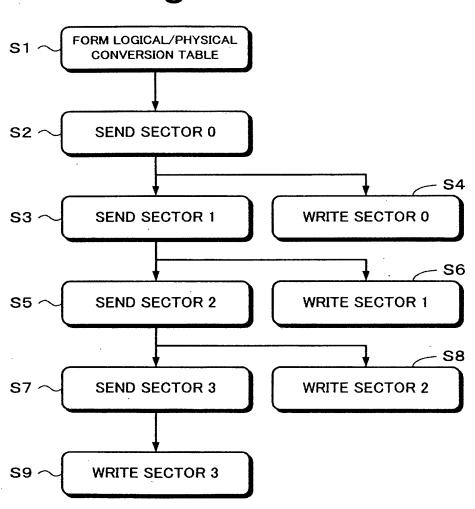


Title: Recording System, Data Recording

Device, Memory Device, And Data

Recording Method

Fig. 8



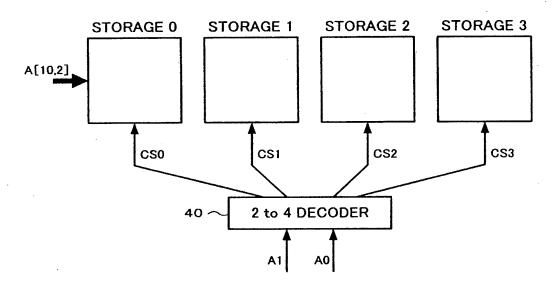


Title: Recording System, Data Recording

Device, Memory Device, And Data

Recording Method

Fig. 9

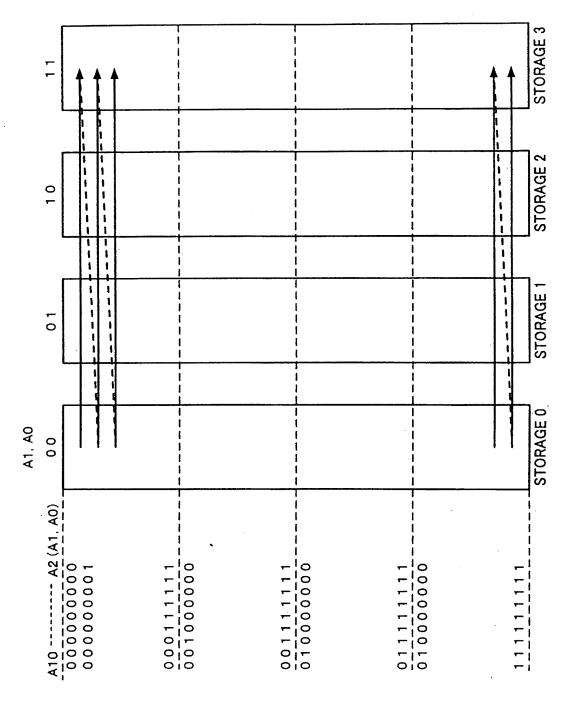




Ĭ

Recording System, Data Recording Device, Memory Device, And Data Applicant(s): Kenichi Nakanishi et al. Title: Recording System, Data Recording Method Serial No.: 09/806,136

Fig. 10



OTPE COLLEGE

Applicant(s): Kenichi Nakanishi et al.

Title: Recording System, Data Recording

Device, Memory Device, And Data

Recording Method

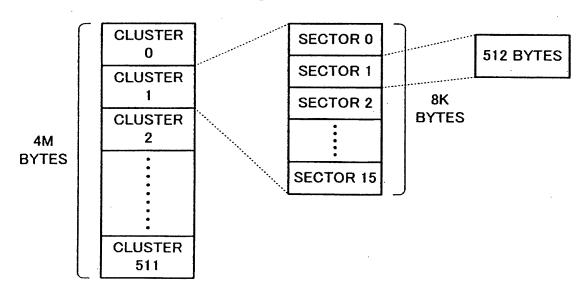
Serial No.: 09/806,136

Fig. 11

STORAGE 0 STORAGE 1 STORAGE 2 STORAGE 3

5	TURAGE (J	TORAGE	1 3	TURAGE	2 3	TURAGE
•••••	0x0000		0x0001		0x0002		0x0003
SEGMENT 0	0x0004		0x0005		0x0006		0x0007
	:		:		:		
	0x01fc		0x01fd		0x01fe		0x01ff
SEGMENT 1	0x0200	••••	0x0201		0x0202		0x0203
	:		:		•		:
	0x03fc		0x003fd		0x03fe		0x03ff
	0x0400		0x0401		0x0402		0x0403
SEGMENT 2			:		:		
	0x04fc		0x04fd		0x04fe		0x04ff
	0x0600		0x0601		0x0602		0x0603
SEGMENT 3	:		:		:		:
	0x07fc		0x07fd		0x07fe		0x07ff

Fig. 12





Title: Recording System, Data Recording Device, Memory Device, And Data

Recording Method

Serial No.: 09/806,136

Fig. 13A

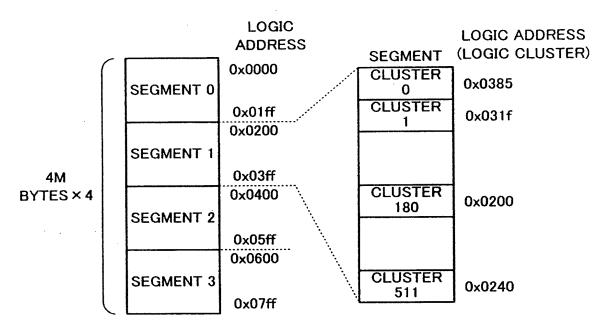


Fig. 13B

LOGIC ADDRESS	PHYSICAL ADDRESS
0x0200	180
0x0240	511
0x031f	1
0x0385	0



Title:

Recording System, Data Recording Device, Memory Device, And Data

Recording Method

Serial No.: 09/806,136

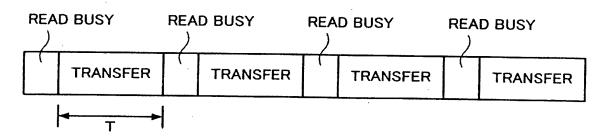
Fig. 14

STORAGE SEGMENT SECTOR	٠.	A10	A9	A	48	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	A0
5201011		STOF	STORAGE SEGMENT										SE	ECT	OF	₹							

Fig. 15

	WRITE BUSY	WRITE BUSY	WRITE BUSY	WRITE BUSY
T:TR	ANSFER TIME			

Fig. 16



AR 2 5 705 W

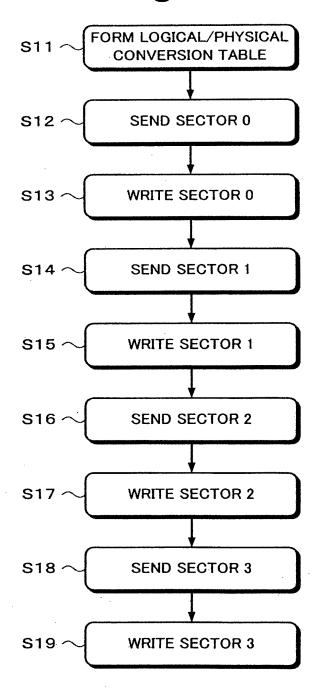
Applicant(s): Kenichi Nakanishi et al.

Title: Recording System, Data Recording

Device, Memory Device, And Data

Recording Method

Fig. 17



Recording System, Data Recording

Device, Memory Device, And Data

Recording Method

Fig. 18

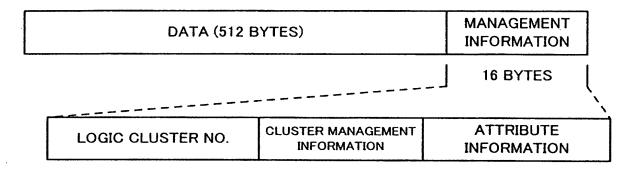
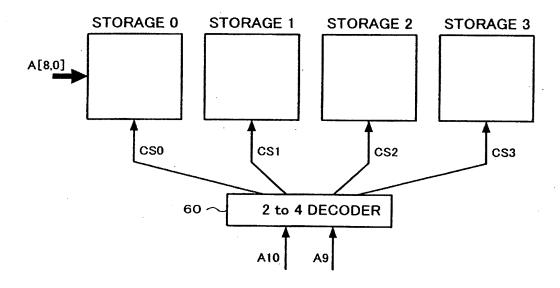


Fig. 19

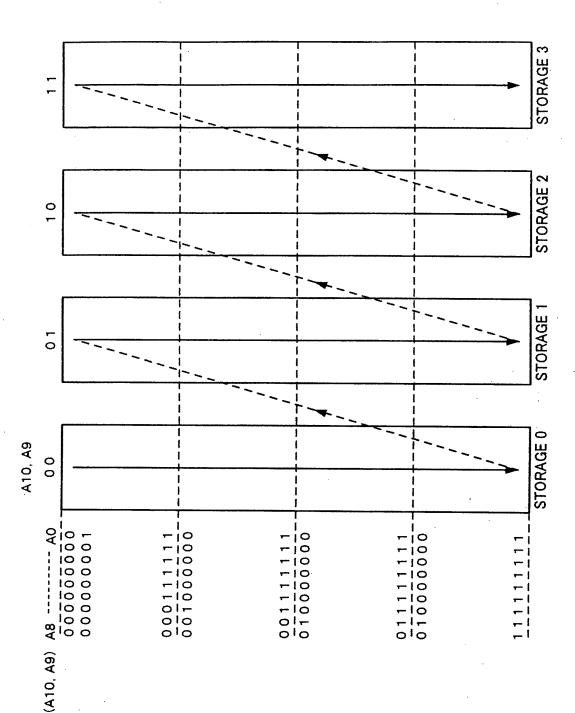




Applicant(s): Kenichi Nakanishi et al.
Title: Recording System, Data Recording
Device, Memory Device, And Data
Recording Method

Serial No.: 09/806,136

Fig. 20



Title: Recording System, Data Recording Device, Memory Device, And Data

Recording Method

Fig. 21

STORAGE 0	STORAGE 1	STORAGE 2	STORAGE 3
SEGMENT 0	SEGMENT 1	SEGMENT 2	SEGMENT 3
0x0000	0x0200	0x0400	0x0600
0×0004	0x0204	0x0404	0x0604
0x0005			!
0x0006			
0x0007			
			i ·
i			
0x01ff	0x03ff	0x05ff	0x07ff